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Notice of Allowability	Application No.	Applicant(s)	
	10/715,472	KOYAMA, JUN	
	Examiner	Art Unit	
	Trinh Vo Dinh	2821	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

- 1. ☒ This communication is responsive to amendment filed 01/05/2005.
- 2. ☒ The allowed claim(s) is/are 29-66.
- 3. ☒ The drawings filed on 19 November 2003 are accepted by the Examiner.
- 4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 - 1. ☐ Certified copies of the priority documents have been received.
 - 2. ☒ Certified copies of the priority documents have been received in Application No. 10/101,628.
 - 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

- 5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 - 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
- 7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>12/05</u> . |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>01/05/05</u> | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

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Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with John F. Hayden on January 21, 2005.

The following changes have been made to the subject application:

In claims 30-32, 35-37, 51-53, 55-57, and 64-66, "A" has been changed to --The--.

In claims 40-42, and 60-62, "A semiconductor" has been changed to --The semiconductor device--.

In claim 33, line 4, before "mobile", added --a--.

In claim 38, line 4, before "mobile", added --a--.

In claim 43, line 4, before "mobile", added --a--.

In claim 45, line 11, "being" has been changed to --is--.

In claim 46, line 2, after "comprising:" added "a first transistor, a second transistor, a third transistor, a fourth transistor, a fifth transistor, a power line, a signal line, a first scanning line and a second scanning line,--.

In claim 49, line 12, "being" has been changed to --is--.

In claim 58, line 4, before "mobile", added --a--.

In claim 63, line 4, before "mobile", added --a--.

The Examiner's amendment has been made in order to comply with the 35 U.S.C 112, second paragraph and to place the application in a condition for allowance.

Reasons for Allowance

1. The following is an examiner's statement of reasons for allowance:

The cited art of record fails to teach an apparatus or method for driving a semiconductor device comprising at least one pixel including first, second, third and four transistors, a power line, a signal line, and a scanning line, wherein gate electrodes of the third and fourth transistors are connected to the scanning line, one of source and drain regions of the third transistor is connected to the signal line and the other is connected to a gate electrode of said first transistor, one of source and drain regions of the fourth transistor is connected to the signal line and the other is connected to a drain region of the first transistor, a source region of said first transistor is connected to said power line, and wherein one of source and drain regions of said second transistor is connected to the drain region of said first transistor as defined in claims 29, 34, 39, 44, 45, 46, 47, 48, 49, 50, 51, 54, and 59. Therefore, claims 29-66 are presently allowed.

2. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Remarks

Information Disclosure Statement

3. In the Information Disclosure Statement filed January 05, 2005, the Examiner has crossed out the Search Report & Written Opinion listed under Other Documents because the report is not qualified for a reference. However, the references listed under the report have been considered by the Examiner.

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Terminal Disclaimer

4. The terminal disclaimer filed on January 05, 2005 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of US Patent 6,661,180 has been reviewed and is accepted. The terminal disclaimer has been recorded.

Inquiry

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Trinh Vo Dinh whose telephone number is (571) 272-1821. The examiner can normally be reached on Monday to Friday from 9:30AM to 6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don Wong, can be reached on (571) 272-1834. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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*Trinh Vo Dinh
January 21, 2005*